

```

graph TD
    10([10 Data Call initialised]) --> 12[12 Tone Detector On]
    12 --> 18[18 Detect Call Waiting Tone]
    18 --> 20[20 Generate Alert Signal to S/W]
    20 --> 22[22 S/W Displays Dialog to User]
    22 --> 22{22 Accept Voice Call?}
    22 -- No --> 24[24 Maintain Data Call]
    24 --> 12
    22 -- Yes --> 26[26 Monitor Line for Call Control Signal]
    26 --> 28[28 Detect "Disconnect Call 1"]
    28 --> 14[14 Data Call Ends]
    14 --> 16([16 Tone Detector Off])
    26 --> 30[30 Detect "Toggle Between Calls"]
    30 --> 32[32 Data Call On Hold]
    32 --> 38[38 Detect "Disconnect Call 2"]
    38 --> 40[40 Data Call Activated]
    32 --> 34[34 Detect "Toggle Between Calls"]
    34 --> 36[36 Data Call Activated]
    36 --> 12
  
```

FIG. 1

FIG. 1

FIG. 2

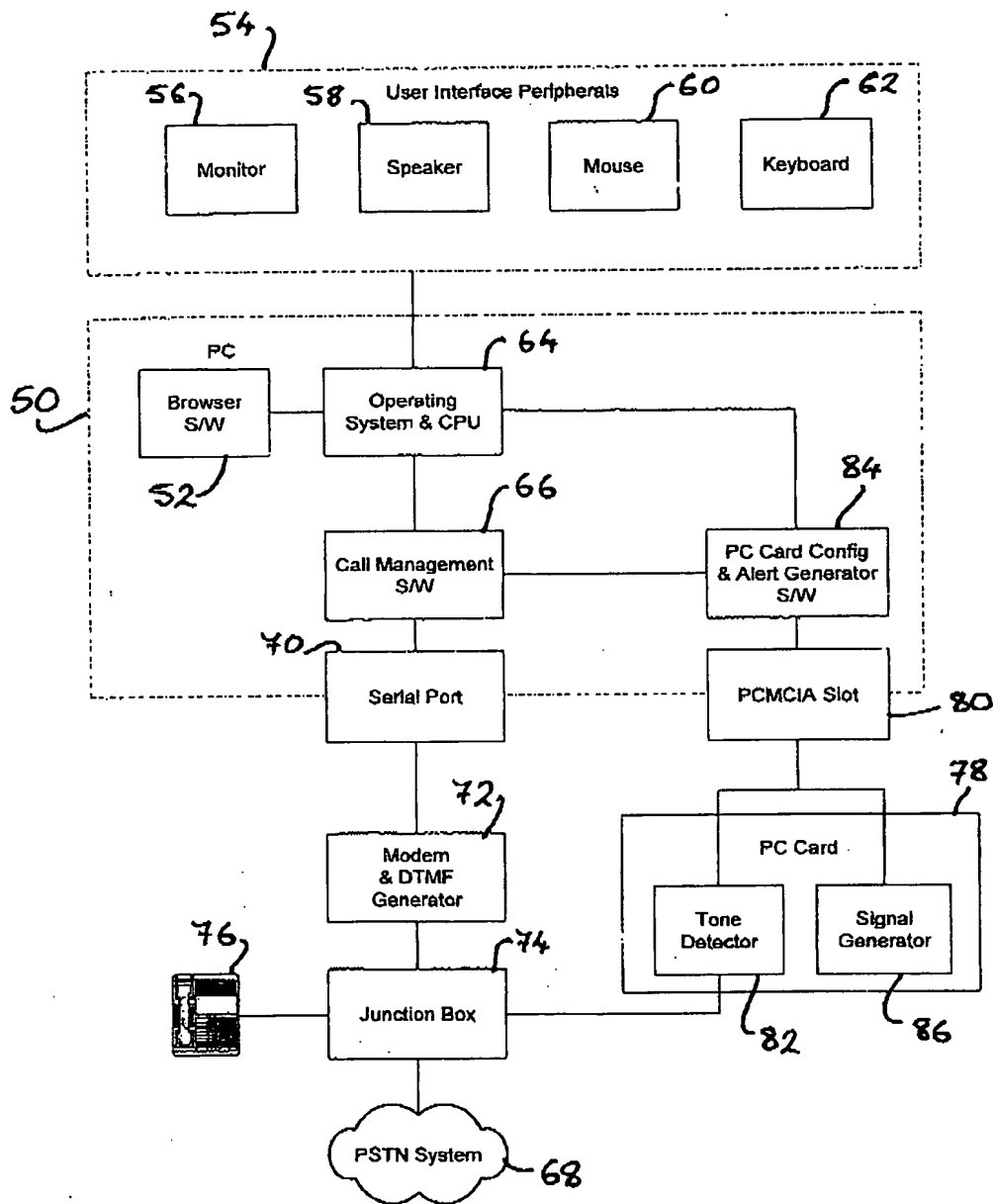


FIG. 2